DUNE Computing update

Claire David March 22nd, 2021

Resources from Compute Canada

2021 Resources for Research Groups (RRG) competition: my application was successful!

Your project has been awarded the following resources:

HPC allocations
- 100 TB of dCache storage on the ndc-uvic system

Cloud allocations
- 300 VCPU years on the arbutus-compute-cloud system
- 2,250 GB of RAM on the arbutus-compute-cloud system
- 50 TB of cloud object storage on the arbutus-compute-cloud system

Your allocation will be available starting on April 1, 2021, and is valid until the end of March 2022.

The RAC becomes more competitive every year as demand grows. Based on our available resources for the 2021-2022 allocation period, we were only able to allocate:
- 40% of CPU years requests,
- 22% of GPU years requests, and
- 90% of storage requests.

WE WILL HELP before July 1st

Need tech support to start deploying tools for an analysis facility.

Training and documentation

Documentation

Not much progress here. Thanks Kirby for granting me admin rights. Need to follow up on Breadcrumbs.
Target to next DUNE collaboration (May 2021) still realistic.

Training

Next tutorial in May   → ideally interactive and more sync'ed with HSF format
                              → need lecturers + helpers

Hackathon in June   → approved format?
                              → calling for projects soon
                              → need lecturers + experts/mentors

Plan to start first meetings dedicated for both. Should we use this timeslot?
For brainstorming: link to another GoogleDoc

Thanks for your attention